

HARRIS LED SURFACE MOUNT, GEN 3

LSME3

Applications

The LSME3 is a surface mount solution available in multiple configurations to fit your environment. Available in 1' x 4', 2' x 2', and 2' x 4' fixture models. The low profile design is ideal for retail, commercial, and hospitality settings. This manufactured product meets the Build America, Buy America (BABA) requirement.

Project Name:	
Catalog Number:	
Type:	
Note:	
Date:	



LSME32403LUNVFD835MSP-BABA



Construction & Design

- This is a manufactured product in the United States that meets the 55% threshold for Build America Buy America (BABA) compliance
- Highly efficient surface mount solution
- Low environmental impact due to energy efficiency
- White painted aluminum body for better thermal dissipation. Aluminum pan for surface mounting is provided and ships separate
- Matte finish, acrylic contour lens diffuses glare in the work environment
- Door frame design allows for ease of maintenance

Additional Options

- Field and factory installed battery backup available in 10w; certified in CA Title 20

Electrical

- Available in 120v-277v
- Standard 0-10v dimming drivers
- Power factor > .90*
- Total Harmonic Distortion < 20%*

*Note: Varies based on option

Lumen Maintenance

See lumen maintenance table on page 2

Fixture Certification & Listings

- Patented LDR® design
- UL/cUL listed
- UL/cUL listed for damp locations
- Build America, Buy America compliant

Patent Information

Orion is serious about intellectual property. This product may be covered by one or more patents.

Warranty

See Orion's [Product Limited Warranty](#) for more details and information

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Performance Information, 120v, 4000K, ≥80 CRI¹

Nominal Lumen Code	Actual Lumens	Wattage	LPW	Input Current
1' x 4'				
02L	2,102lm	14w	152	0.12A
03L	3,238lm	21w	157	0.17A
04L	4,152lm	28w	151	0.23A
2' x 2'				
02L	2,290lm	15w	154	0.13A
03L	3,111lm	21w	148	0.18A
04L	3,960lm	27w	146	0.23A
2' x 4'				
03L	3,294lm	21w	159	0.17A
04L	4,131lm	27w	154	0.23A
06L	6,130lm	40w	154	0.34A
08L	8,262lm	52w	157	0.44A

Lumen Maintenance²

Fixture Size	Nominal Lumen Code	Nominal Lumens	Operating Temperature	Calculated Lumen Maintenance		
				L70	L80	L90
1' x 4'	02L	2,000	25°C	197,000	123,000	59,000
			55°C	149,000	93,000	44,000
1' x 4'	03L	3,000	25°C	197,000	123,000	59,000
			55°C	149,000	93,000	44,000
1' x 4'	04L	4,000	25°C	197,000	123,000	59,000
			55°C	149,000	93,000	44,000
2' x 2'	02L	2,000	25°C	403,000	244,000	103,000
			55°C	134,000	82,000	36,000
2' x 2'	03L	3,000	25°C	403,000	244,000	103,000
			55°C	134,000	82,000	36,000
2' x 2'	04L	4,000	25°C	403,000	244,000	103,000
			55°C	134,000	82,000	36,000
2' x 4'	03L	3,000	25°C	197,000	123,000	59,000
			55°C	149,000	93,000	44,000
2' x 4'	04L	4,000	25°C	197,000	123,000	59,000
			55°C	149,000	93,000	44,000
2' x 4'	06L	6,000	25°C	197,000	123,000	59,000
			55°C	149,000	93,000	44,000
2' x 4'	08L	8,000	25°C	197,000	123,000	59,000
			55°C	149,000	93,000	44,000

Additional Specification Information

¹ Actual performance may vary by up to ±10% of values listed; facility factors and fixture options can affect performance values

² Calculated hours based on TM-21 projections and components used at the time of testing. Warranty is not associated with calculated lumen maintenance

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Ordering Information Example (NOTE: No dashes or spaces unless noted below)

LSME32403LUNVFD840MSP-BABA

Ordering Information (enter selected catalog number below)

Series	Fixture Size	Nominal Lumen Code ³	Voltage	Driver Type	CRI; Color Temp	Lens Options	Fixture Options	Packaging Options	Fixture Certifications
LSME3= HARRIS LED Surface Mount, Gen 3	14= 1' x 4' 22= 2' x 2' 24= 2' x 4'	1' x 4' and 2' x 2' 02L= 2,000lm ⁷ 03L= 3,000lm 04L= 4,000lm 2' x 4' 03L= 3,000lm 04L= 4,000lm 06L= 6,000lm 08L= 8,000lm	UNV= 120v-277v	FD= Full dimming	835= 80CRI; 3500K 840= 80CRI; 4000K 850= 80CRI; 5000K	M= Opaque matte	[Blank]= No option BB10= Battery backup, 10w ⁴	[Blank]= Bulk pack SP= Single pack	-BABA= Build America, Buy America compliant <u>Note: This is a manufactured product in the United States that exceeds the 55% threshold for Build America Buy America [BABA] compliance</u>

Additional Specification Information

³ For actual lumens, see performance table

⁴ Multiply 10 watts by the lumens per watt [LPW] of the fixture to calculate lumen output in emergency mode

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Fixture Options (factory installed)



Battery Back Up (BB10)

BABA Compliant Accessories (field installed)

Field Installed Battery Backup Kit	
LDRE314-UNV-BB10-KIT-BABA	1' x 4', Battery backup Kit, 10w for field installation
LDRE322-UNV-BB10-KIT-BABA	2' x 2', Battery backup Kit, 10w for field installation
LDRE324-UNV-BB10-KIT-BABA	2' x 4', Battery backup Kit, 10w for field installation

Physical Information⁵

Length	Width	Depth	Fixture Size	Weight
49.50"	11.20"	3.60"	1' x 4'	18.00lbs.
23.20"	23.20"	3.60"	2' x 2'	13.00lbs.
49.50"	23.20"	3.60"	2' x 4'	25.00lbs.

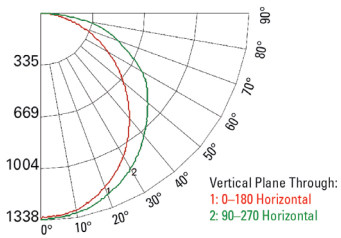
Ambient Operating Temperatures

Nominal Lumen Code	Standard Range	With Battery Back Up
All lumen packages	0°C - 45°C [32°F - 113°F]	Min. operating temp. 0°C [32°F]

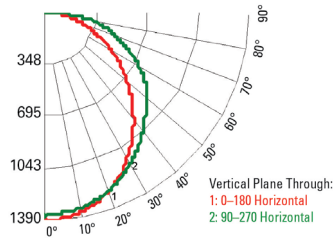
Photometrics

Visit orionlighting.com to obtain all .IES files

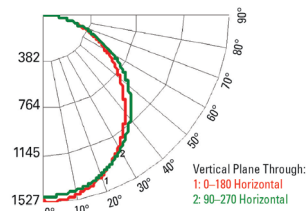
22 04L 840



24 04L 840



14 04L 840



Additional Specification Information

⁵ Weight and depth will vary based on option selection